

AMENDMENTS TO THE SPECIFICATION

1. On page 1, please amend the title of the invention as follows.

~~GEOGRID COMPOSED OF FIBER REINFORCED POLYMERIC STRIP AND~~
~~METHOD FOR PRODUCING THE SAME~~GEOGRID

2. Please amend the paragraph on page 17, lines 2-6 of the originally filed specification as follows.

~~The first and second bending members 80 and 90 have support grooves 81 and 91 in the longitudinal direction and through holes 82 and 92 in the lateral direction. The first bending member 80 has a first pair of longitudinal support grooves 81 and a first pair of lateral support grooves 82. The second bending member 90 has a second pair of longitudinal support grooves 91 and a second pair of lateral support grooves 92. The longitudinal support grooves 81 and 91 are contacted with the longitudinal fiber-reinforced polymer strips 1 so that the longitudinal fiber-reinforced polymer strips 1 are not deviated when being pressed. The longitudinal support grooves 81 and 91 are larger than the width of the polymer strip 1.~~

3. Please amend the paragraph on page 17, lines 7-11 of the originally filed specification as follows.

~~The through holes lateral support grooves 82 and 92 provide a passage for the lateral fiber-reinforced polymer strip 2 when the lateral fiber-reinforced polymer strip 2 is inserted into a closed space formed by the position corresponding to ridge and valley of the longitudinal fiber-reinforced polymer strips 1 bent by the first and second bending members 80 and 90. Thus, the size of the through holes lateral support grooves 82 and 92 is also larger than the width of the lateral fiber-reinforced polymer strip 2.~~

4. Please amend the paragraph on page 17, lines 12-15 of the originally filed specification as follows.

~~The through holes lateral support grooves 82 and 92 have depth larger than the longitudinal support grooves 81 and 91 so that the lateral fiber-reinforced polymer strip 2 may be easily passed through them. Preferably, slopes 83 and 93 are respectively formed on the through holes lateral support grooves 82 and 92 so as to guide an end of the lateral fiber-reinforced polymer strip 2 to be inserted.~~

5. Please amend the paragraph on page 20, line 15 to page 21, line 2 of the originally filed specification as follows.

Subsequently, the longitudinal fiber-reinforced polymer strips 1 are supplied in a row from the longitudinal creel 31 into the strip arranging unit 50 by means of the longitudinal feeder 32 (step S310). At this time, the upper and lower plates 51 and 52 of the strip arranging unit 50 are spaced apart from each other, and thus the longitudinal fiber-reinforced polymer strips 1 advance along a line connecting the longitudinal support grooves 81 and 91 of the first and second bending members 80 and 90. Preferably, if the longitudinal fiber-reinforced polymer strips 1 are completely supplied, the longitudinal fiber-reinforced polymer strips 1 are cut into a suitable length by means of a cutting means (not shown).

6. Please amend the paragraph on page 21, lines 7-15 of the originally filed specification as follows.

Referring to FIG. 8a, if the upper and lower plates 51 and 52 approach each other to press the n^{th} longitudinal fiber-reinforced polymer strip 1_n , the ends of the first and second bending members 80_n and 90_n come in contact with the longitudinal polymer strip 1_n and press the strip 1_n . At this time, the first and second bending members 80_n and 90_n preferably have the longitudinal support groove 81 and 91 (see FIG. 6). Thus, the strip is seated in the support grooves when being pressed, so the polymer strip may be stably bent without departing from its position. According to this bending procedure, a valley is formed in the polymer strip at a position pressed by the first bending member 80_n , while a ridge is formed in the polymer strip at a position pressed by the second bending member 90_n .

7. Please amend the paragraph on page 22, lines 5-9 of the originally filed specification as follows.

With the longitudinal fiber-reinforced polymer strips 1 being bent as mentioned above, the lateral fiber-reinforced polymer strips 2 are supplied by means of the lateral strip supply unit 40 (step S330). Specifically, the lateral fiber-reinforced polymer strips 2 are inserted into the ~~through holes~~ lateral support grooves 82 and 92 of the first and second bending members 80 and 90 by means of the lateral feeder 42 as shown in FIG. 8c.